



SERVICE BULLETIN

from: TRIO-KENWOOD COMMUNICATIONS, INC.

TS-830S

#847R

SUBJECT: TS-830S low voltage Supply Optional Improvements

DATE 04/14/82

Power supply drift and stability may be improved by these optional component changes and additions.

On the AF AVR unit X49-1140-00 (Vicinity of Q27-Q30) change:

R124 from 1k Ω to 1.5k Ω (RD14CB2E152J) *
R127 from 470 Ω to 390 Ω (RD14CB2E391J) *
R130 from 47k Ω to 33k Ω (RD14CB2E333J) *
D25 from WZ-061 to XZ-053 (V11-4101-60)*

*This will improve temperature drift from a maximum of about 100mV to a maximum of 10mV, and may be applied to any unit before serial # 201xxxx.

Add two 22k Ω $\frac{1}{4}$ W resistors (RD14CB2E223J), one each across Q30 & Q34, collector to emitter. *

*This will improve overall stability and may be applied to any unit before serial #105xxxx.

NOTE: These changes are at the owners option and may not be performed in-warranty.